EXHIBIT 300   **UII 009-000004062**

Exhibit 300: Capital Asset Summary
Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-03-29
Investment Auto Submission Date: 2012-02-24
Date of Last Investment Detail Update: 2012-02-24
Date of Last Exhibit 300A Update: 2012-03-29
Date of Last Revision: 2012-03-29

Agency: 009 - Department of Health and Human Services   **Bureau:** 90 - Departmental Management

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: OS ONC Nationwide Health Information Network (NwHIN) Exchange

2. Unique Investment Identifier (UII): 009-000004062

Section B: Investment Detail

1. **Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

   Nationwide Health Information Network (NwHIN) Exchange is the critical portion of the National health IT agenda intended to facilitate development of a secure, nationwide, interoperable health information infrastructure that will connect providers, consumers, and others involved in supporting health and healthcare. The investment will enable health information to follow the consumer, be available for clinical decision making, and support appropriate use of healthcare information beyond direct patient care so as to improve health outcomes. The investment seeks to achieve these goals by coordinating stakeholders in developing interoperable standards and by engaging industry in developing prototypes and trials. Executive Order 13410 requires Federal Agencies to adopt health IT standards that have been recognized by the HHS Secretary when developing or enhancing health information systems. NwHIN Exchange represents the standards, services and policies necessary to support using the internet to exchange information in a secure and private manner. Initially established as a program under ONC in 2004, the goals of the NwHIN Exchange were to improve the quality and efficiency of healthcare by establishing a mechanism for nationwide health information exchange. The NwHIN Exchange went through a prototyping and trial implementations phase where an architecture and set of specifications were developed to provide a common, secure and trusted network to enable the exchange of health information among private networks and Federal health networks. The effort effectively

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integrated specifications, implementation guidelines, compliance, interoperability verification, and network operations with a strong trust fabric to allow for interoperable health information exchange. CONNECT Gateway is a Federal Health Architecture initiative to develop a software gateway to link Federal Agencies to the NwHIN Exchange. It was built in open source to keep the cost low and make the solution widely available. Other NwHIN Exchange participants are working with private sector technology partners to build gateways that instantiate the NwHIN Exchange specifications and protocols. They are successfully using these gateways to exchange health information with Federal Partners who use the CONNECT Gateway.

2. **How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

   This investment will contribute to cost efficient health information exchange by streamlining the technical, policy and operational components necessary to participant in a trusted network. By negating the need to support complex and expensive point-to-point connections and legal agreements, the investment will accelerate financially viable health information exchange. Connectivity will be a key tool for getting the most out of health IT, supporting health information exchange and meaningful use at Federal, State and local levels. This investment will yield more complete health information that supports better informed decisions, which directly contribute to improved medical care for individuals. The ONC has developed and continues to develop a set of tools available that will aid organizations in implementing secure electronic health information exchange. These tools range from exchange and content specifications, implementation guidance, reference implementations and testing tools. ONC produces these assets with help and participation from the broader Health Information Technology community to drive alignment within the community on standards-based, secure methods of exchange. These assets are publicly available for download on the HHS website. These technical assets are resources that are used to support the wider HIT community in addition to the larger HIT community. All of the work of the NwHIN Exchange is developed through an open, community driven process. Part of this process has developed specifications for directed exchange, and future work within the S&I in ONC will refine the "blue button" functions that will allow patients to download an electronic copy of their medical record. Not funding this program would jeopardize the President's goal of making sure all citizens have electronic health records by 2014.

3. **Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

   In FY11, ONC continued to encourage the expanded use of CONNECT Gateway to link Federal Agencies to the NwHIN Exchange. The Gateway was built in open source to keep the cost low and make the solution widely available. Other NwHIN Exchange participants are worked with private sector technology partners to build gateways that instantiate the NwHIN specifications and protocols. Currently, the NwHIN is being used to support SSA, the VA, the DoD, CMS, MedVA, Kaiser Permanente and other signatories of the DURSA, including activities of the VLER project. Many State and Federal Agencies are using the NwHIN standards, services, and policies to enable them to meet the meaningful use requirements for exchange. In that way, the specifications of NwHIN Exchange are an enabler to other public

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and private organizations to satisfy the exchange requirements of meaningful use. They are successfully using these gateways to exchange health information with Federal Partners who use the CONNECT Gateway.

4. **Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

In FY12 and FY13, the priorities include the on boarding of new NwHIN Exchange members and providing the support needed for the network operations, transitioning the governance of the NwHIN to a private entity, and outreach and adoption activities are essential to establish the common network, refine directed exchange standards, specifications for provider directories, certification and authentication, and additional exchange specifications for meaningful use stage 2. Supporting bi-directional communication and messaging between providers and patients will be evaluated and prioritized with close coordination between the S&I framework within ONC. As the proposed modifications to the HIPAA Privacy & Security Rules for privacy and security are finalized, NwHIN Exchange will provide coordination and guidance of the standards, specifications, validation, and policies for these requirements All of the specifications in the NwHIN will be transitioned into the S&I framework within ONC and used to support Federal, and private sector standards based exchange. Throughout this process, the terminologies and standards defined in NwHIN will be incorporated, and are in the process of being made operational within the NwHIN Exchange. ONC will continue to provide coordination and guidance of the standards, specifications, validation, and policies affecting the NwHIN and ONC will steward these operational aspects of the NwHIN until they are self-sustaining.

5. **Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2006-08-22

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Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding				
	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	$0.0	$0.0	$0.0	$0.0
DME (Excluding Planning) Costs:	$73.7	$5.8	$4.0	$4.0
DME (Including Planning) Govt. FTEs:	$1.3	$0.8	$0.8	$0.8
Sub-Total DME (Including Govt. FTE):	$75.0	$6.6	$4.8	$4.8
O & M Costs:	$0.0	$0.0	$0.0	$0.0
O & M Govt. FTEs:	$0.0	$0.0	$0.0	$0.0
Sub-Total O & M Costs (Including Govt. FTE):	0	0	0	0
Total Cost (Including Govt. FTE):	$75.0	$6.6	$4.8	$4.8
Total Govt. FTE costs:	$1.3	$0.8	$0.8	$0.8
# of FTE rep by costs:	7	4	4	4

Total change from prior year final President's Budget ($)		$0.0	$0.0	
Total change from prior year final President's Budget (%)		0.00%	0.00%	

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2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

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Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy											
Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value ($M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded		HHSP2332007 4101EC									
Awarded		HHSP2332007 4102EC									
Awarded		HHSP2332007 4103EC									
Awarded		HHSP2332007 4104EC									
Awarded		HHSP2332007 4105EC									
Awarded		HHSP2332007 4106EC									
Awarded		HHSP2332007 4107EC									
Awarded		HHSP2332007 4108EC									
Awarded		HHSP2332007 4109EC									
Awarded		HHSP2332009 4051EC									
Awarded		HHSP23320090 0269G									
Awarded	7555	HHSP2332010 00098W	HHSN2632001 00228I	7529							
Awarded	7555	HHSP2332011 00158G	GS35F0125S	4730							
Awarded	7555	HHSP2333701 0T	HHSP23320095 633WC	7555							

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2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

HHS Interim Acquisition Guidance Concerning Earned Value Management, dated October 1, 2008, does not require EVM for any contract less than $10M or for any firm-fixed price, time & materials, labor hour, or term contract less than $25M. However, monthly financial reporting is required for all contracts.

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Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-03-29

Section B: Project Execution Data

Table II.B.1 Projects					
Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)
288847	NwHIN Exchange Implementation	NwHIN Exchange is a critical portion of the National health IT agenda intended to facilitate development of standards based health care information exchange among providers, consumers and other stakeholders involved in supporting health and healthcare. This investment will enable the development of standards in health information exchange that follow the consumer, be available for critical clinical decision making, and support appropriate use of healthcare information beyond direct patient care so as to improve health outcomes. The investment seeks to achieve these goals by coordinating stakeholders in developing interoperable standards and by engaging industry and federal agencies in developing prototypes and trials. Executive Order 13410 requires Federal Agencies to adopt health IT standards that have been			

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		Table II.B.1 Projects			
Project ID	**Project Name**	**Project Description**	**Project Start Date**	**Project Completion Date**	**Project Lifecycle Cost ($M)**
		recognized by the HHS Secretary when developing or enhancing health information systems. Initially established as a program under ONC in 2004, the goals of the program, then called "NHIN Exchange" were to improve the quality and efficiency of healthcare by establishing a mechanism for nationwide health information exchange. The NwHIN Exchange went through a prototyping and trial implementations phase where an architecture and set of Service Oriented Architecture based specifications were developed to provide a common, secure and trusted network to enable the exchange of health information among private networks and Federal health networks. The effort effectively integrated specifications, implementation guidelines, compliance, interoperability verification, and network operations with a strong trust fabric to allow for interoperable health information exchange. The NwHIN program has evolved to become much more flexible, to include specifications from not only the NHIN Exchange program, but also use specifications developed from the ONC led Direct project. The NwHIN program is envisaged to include a portfolio of specifications from Exchange, Direct and Blue Button. This broad array of standards will allow stakeholders to exchange health related information using internet, at			

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Table II.B.1 Projects					
Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)
		various levels of complexity of needs. The NwHIN has developed and continues to develop modular specifications, reference implementations and detailed test cases, to guide adoption by the stakeholders. These assets are publically available for download on the HHS website.			

Activity Summary							
Roll-up of Information Provided in Lowest Level Child Activities							
Project ID	Name	Total Cost of Project Activities ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)	Total Planned Cost ($M)	Count of Activities
288847	NwHIN Exchange Implementation						

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
288847	288847: Create and Maintain UDDI Registries		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Maintain and Update Test Documents		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Maintain NwHIN Support Center		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Maintain and Update Artifacts for Conditions of Interoperability for NwHIN		2012-03-31	2012-03-31		182	-153	-84.07%

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				Key Deliverables				
Project Name	**Activity Name**	**Description**	**Planned Completion Date**	**Projected Completion Date**	**Actual Completion Date**	**Duration (in days)**	**Schedule Variance (in days)**	**Schedule Variance (%)**
288847	288847: Develop test approach for new and modified NwHIN specification		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Perform and Support Testing		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Ensure NwHIN enhancements communicated to HIEs		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Create and Maintain Technical Compliance of Onboarding Process		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Create and Maintain Certificates		2012-03-31	2012-03-31	2012-02-29	182	31	17.03%
288847	288847: Create and Maintain an IT Security Plan		2012-03-31	2012-03-31	2012-02-24	182	36	19.78%
288847	288847: Create and Maintain an IT Security Plan		2012-06-30	2012-06-30		90	-62	-68.89%
288847	288847: Maintain and Update Test Documents		2012-06-30	2012-06-30		90	-62	-68.89%
288847	288847: Perform and Support Testing		2012-06-30	2012-06-30		90	-62	-68.89%
288847	288847: Create and Maintain Technical Compliance of Onboarding Process		2012-06-30	2012-06-30		90	-62	-68.89%
288847	288847: Create and Maintain UDDI Registries		2012-09-30	2012-09-30		182	0	0.00%
288847	288847: Maintain NwHIN Support Center		2012-09-30	2012-09-30		182	0	0.00%

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					Key Deliverables			
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
288847	288847: Develop test approach for new and modified NwHIN specification		2012-09-30	2012-09-30		182	0	0.00%
288847	288847: Ensure NwHIN enhancements communicated to HIEs		2012-09-30	2012-09-30		182	0	0.00%
288847	288847: Create and Maintain Certificates		2012-09-30	2012-09-30		182	0	0.00%

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Section C: Operational Data

				Table II.C.1 Performance Metrics				
Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Increase the number of organizations that have validated to use NwHIN standards.	No. of Organizations	Customer Results - Customer Benefit	Over target	4.000000	0.000000	4.000000	15.000000	Monthly
Increase the average number of attendees at the webinars.	No. of Attendees	Customer Results - Service Coverage	Over target	15.000000	0.000000	15.000000	20.000000	Semi-Annual
Increase the uptime of Exchange UDDI server.	%	Technology - Reliability and Availability	Over target	90.000000	0.000000	90.000000	95.000000	Semi-Annual
Increase the throughput of testing lab.	No. of Throughputs	Process and Activities - Cycle Time and Timeliness	Over target	25.000000	0.000000	25.000000	33.000000	Semi-Annual
Increase the number of organizations being provided technical support on NwHIN standards, services and policies.	No. of Organizations	Technology - Information and Data	Over target	15.000000	0.000000	15.000000	25.000000	Monthly